

2661



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Applicant: **Shuo-Yen Robert Li**

Case: **13**

Serial No. **09/882,099**

Filed: **June 15, 2001**

Group Art Unit:

Examiner:

Title of Invention: **A CONDITIONALLY NONBLOCING SWITCH OF THE CIRCULAR-UNIMODAL TYPE**

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THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

Enclosed is a Preliminary Amendment in the above-identified application.

An additional fee is required based on the calculation below for a **small entity**:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	21	21	0	\$9.00	\$ 0.00
Indep. Claims	3	3	0	\$40.00	\$ 0.00

Multiple Claims First Presented with this Amendment = 0	\$0
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Total: \$0.00

Also enclosed herewith for filing in connection with the enclosed application are:

XX Return Postcard

Respectfully submitted,

John T. Peoples

Date: 9-8-01

John T. Peoples (Reg. No. 28,250)
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Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited by me on
9-8-01 with the United States Postal Service with sufficient
postage as first-class mail in an envelope properly addressed to Assistant Commissioner
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John T. Peoples
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#3/A
L. McArthur
10.22.01

Applicant: **Shuo-Yen Robert Li**

Case: **13**

Serial No. **09/882,099**

Filed: **June 15, 2001**

Group Art Unit:

Examiner:

Title of Invention: **A CONDITIONALLY NONBLOCKING SWITCH OF THE
CIRCULAR-UNIMODAL TYPE**

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

SIR:

PRELIMINARY AMENDMENT

Enclosed is a Preliminary Amendment in the above-identified application.
Please amend the application as follows.

In the Specification:

Replace pages 8 and 9 with the following:

-- SUMMARY OF THE INVENTION

The shortcomings of the prior art, as well as other limitations and deficiencies, are obviated in accordance with the present invention by applying algebraic principles to the physical realization of a large switching fabric based upon contemporary technologies.

In accordance with a broad method aspect of the present invention, a method for implementing a class of $N \times N$ circular-unimodal nonblocking switches each serving a connection request to route a plurality of incoming signals, and for enabling the